CE-ATA Technical Errata

Errata ID	Protocol 007
Affected Spec Ver.	Protocol 1.0
Corrected Spec Ver.	

Submission info

Name	Company	Date
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Description of the specification technical flaw (add space as needed)

The CE-ATA 1.0 protocol state machine implies that it is mandatory that a drive support issuing an ATA command by the host writing the ATA Command register with FAST_IO (CMD39). This erratum clarifies that CE-ATA 1.0 devices do not support this capability.

Description of the correction

The DC_Cmd39_WriteReg state in section 2.4.2.1.2 shall be modified as shown:

DC14: DC_Cmd39_WriteReg[1]	Write the Register Data specified to the Register Address specified in FAST_IO (CMD39).		
1. Register contents have been written		→	DC_Cmd39_R4
2. Register contents have not been written		→	DC_Cmd39_WriteReg
NOTE: 1. Writing the ATA Command register with FAST_IO (CMD39) is not supported.			

Disposition log

05/29/2005	Erratum captured
06/13/2005	Changed "not defined" to "not supported" per 6/1 meeting
07/27/2005	Erratum ratified

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